

STN Columbus

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered  
NEWS 4 FEB 28 PATDPAFULL - New display fields provide for legal status data from INPADOC  
NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available  
NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded  
NEWS 7 MAR 02 GBFULL: New full-text patent database on STN  
NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced  
NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 10 MAR 22 KOREPAT now updated monthly; patent information enhanced  
NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY  
NEWS 12 MAR 22 PATDPASPC - New patent database available  
NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags  
NEWS 14 APR 04 EPFULL enhanced with additional patent information and new fields  
NEWS 15 APR 04 EMBASE - Database reloaded and enhanced

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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NEWS WWW CAS World Wide Web Site (general information)

501 DE

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FILE 'HOME' ENTERED AT 14:31:08 ON 14 APR 2005

=> file registry  
 COST IN U.S. DOLLARS  
 FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:31:21 ON 14 APR 2005  
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STRUCTURE FILE UPDATES: 13 APR 2005 HIGHEST RN 848462-79-3  
DICTIONARY FILE UPDATES: 13 APR 2005 HIGHEST RN 848462-79-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s ggcctcctgcttgaactgctcgcgagc/sqsn  
L1 5 GGCCTCCTGCTTGAACTGCTCGCGAGC/SQSN

=> d SEQ NTE LC 1-5

L1 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN

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101 atcgagcaag ggatgatgct cgccgagcag ttcaaggcaga aggcctcgg  
151 cctcc  
HITS AT: 1-28

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

LC STN Files: GENBANK

L1 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ 1 ggcctcctgc ttgaactgct cggcgagcat cataacctgac agggaaagtcc  
===== ===== =====  
51 tctaccgaga gttcgatgag atggaagagt gctctcagca cttaccgtac  
101 atcgagcaag ggatgatgct cgccgagcag ttcaaggcaga aggcctcgg  
151 cctcc  
HITS AT: 1-28

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

LC STN Files: GENBANK

L1 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ 1 ggcctcctgc ttgaactgct cggcgagcat cataacctgac agggaaagtcc  
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STN Columbus

151 cctcc  
HITS AT: 1-28

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*  
LC STN Files: GENBANK

L1 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ 1 ggcctcctgc ttgaactgct cggcgagcat cataacctgac aggaaagtcc  
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51 tctaccgaga gttcgatgag atggaagagt gctctcagca cttaccgtac  
101 atcgagcaag ggatgatgct cgccgagcag ttcaaggaga aggccctcgg  
151 cctcc

HITS AT: 1-28

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*  
LC STN Files: GENBANK

L1 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ 1 ggcctcctgc ttgaactgct cggcgagcat cataacctgac aggaaagtcc  
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51 tctaccgaga gttcgatgag atggaagagt gctctcagca cttaccgtac  
101 atcgagcaag ggatgatgct cgccgagcag ttcaaggaga aggccctcgg  
151 cctcc

HITS AT: 1-28

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*  
LC STN Files: CA, CAPLUS

=> SEQLINK  
ENTER TYPE OF LINK (EXACT) OR ?:  
ENTER TYPE OF LINK (EXACT) OR ?:exact  
ENTER (L1), L# OR ?:11

L2 5 SEQLINK EXACT L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 60.40 60.61

FILE 'CAPLUS' ENTERED AT 14:34:23 ON 14 APR 2005  
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## STN Columbus

FILE COVERS 1907 - 14 Apr 2005 VOL 142 ISS 16  
 FILE LAST UPDATED: 13 Apr 2005 (20050413/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12  
 L3 1 L2  
 => d bib ab hitseq

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

Full Text

AN 1994:296653 CAPLUS

DN 120:296653

TI A method for preparing a kit for the detection of antibodies to HCV (hepatitis C virus) in biological samples such as blood serum

IN Houghton, Michael; Choo, Qui Lim; Kuo, George

PA Chiron Corp., India

SO Indian, 157 pp.

CODEN: INXXAP

DT Patent

LA English

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	IN 171237	A	19920822	IN 1990-CA801	19900917
	AU 8927967	A1	19890614	AU 1989-27967	19881118
	AU 624105	B2	19920604		
	ZA 8808669	A	19890830	ZA 1988-8669	19881118
	BR 8807310	A	19900313	BR 1988-7310	19881118
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	CN 1074422	B	20011107		
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	JP 09184844	A2	19970715	JP 1996-239921	19881118
	JP 10108674	A2	19980428	JP 1997-99651	19881118
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	RU 2162894	C2	20010210	RU 1988-4742221	19881118
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	NO 8902931	A	19890913	NO 1989-2931	19890717
	NO 304990	B1	19990315		
	DK 8903537	A	19890718	DK 1989-3537	19890718
	KR 138776	B1	19980515	KR 1989-701343	19890718
	IN 171238	A	19920822	IN 1990-CA802	19900917
	IN 171239	A	19920822	IN 1990-CA805	19900917
	IN 171240	A	19920822	IN 1990-CA808	19900917
	WO 9115771	A1	19911017	WO 1991-US2225	19910329

W: AU, BB, BG, BR, CA, FI, GB, HU, JP, KP, KR, LK, MC, MG, MW, NO, PL, RO, SD, SU

RW: BF, BJ, CF, CG, CM, GA, ML, MR, SN, TD, TG

## STN Columbus

AU 9176510	A1	19911030	AU 1991-76510	19910329
AU 639560	B2	19930729		
GB 2257784	A1	19930120	GB 1992-20480	19910329
BR 9106309	A	19930420	BR 1991-6309	19910329
HU 62706	A2	19930528	HU 1992-3146	19910329
HU 217025	B	19991129		
JP 05508219	T2	19931118	JP 1991-507636	19910329
JP 2733138	B2	19980330		
RO 109916	B1	19950728	RO 1975-92012	19910329
PL 172133	B1	19970829	PL 1991-296329	19910329
RU 2130969	C1	19990527	RU 1991-5053084	19910329
EP 450931	A1	19911009	EP 1991-302910	19910403
EP 450931	B1	19960612		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
EP 693687	A1	19960124	EP 1995-114016	19910403
EP 693687	B1	19990728		
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ES 2088465	T3	19960816	ES 1991-302910	19910403
AT 182684	E	19990815	AT 1995-114016	19910403
ES 2134388	T3	19991001	ES 1995-114016	19910403
US 5683864	A	19971104	US 1992-910760	19920707
FI 106317	B1	20010115	FI 1992-4349	19920928
NO 9203839	A	19921119	NO 1992-3839	19921001
NO 310241	B1	20010611		
US 5714596	A	19980203	US 1993-40564	19930331
LV 10306	B	19950620	LV 1993-442	19930531
LV 10344	B	19960220	LV 1993-4381	19930531
US 5679342	A	19971021	US 1993-97853	19930727
US 5350671	A	19940927	US 1993-103961	19930809
LT 3808	B	19960325	LT 1993-1747	19931230
HR 940493	B1	20001031	HR 1994-940493	19940907
US 5698390	A	19971216	US 1994-306472	19940915
US 6074816	A	20000613	US 1994-307273	19940916
US 5712087	A	19980127	US 1995-440519	19950512
US 6312889	B1	20011106	US 1995-440549	19950512
US 5712088	A	19980127	US 1995-440769	19950515
US 6096541	A	20000801	US 1995-441026	19950515
US 6171782	B1	20010109	US 1995-442647	19950515
US 6861212	B1	20050301	US 1995-441355	19950515
US 5863719	A	19990126	US 1995-472821	19950607
NO 9505101	A	19951215	NO 1995-5101	19951215
NO 306511	B1	19991115		
NO 9505102	A	19951215	NO 1995-5102	19951215
NO 303879	B1	19980914		
US 2003162167	A1	20030828	US 1996-686983	19960725
JP 09173079	A2	19970708	JP 1996-241451	19960822
JP 3171793	B2	20010604		
FI 9801380	A	19980615	FI 1998-1380	19980615
FI 106564	B1	20010228		
GR 3031361	T3	20000131	GR 1999-402455	19990929
PRAI US 1987-122714	A	19871118		
IN 1988-CA960	A	19881118		
US 1987-139886	A	19871230		
US 1988-161072	A	19880226		
US 1988-191263	A	19880506		
US 1988-263584	A	19881026		
US 1988-271450	A	19881114		
CN 1988-107988	A	19881118		
JP 1992-361785	A3	19881118		

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JP 1992-361787	A3	19881118
JP 1993-178446	A3	19881118
JP 1996-241451	A3	19881118
JP 1998-111631	A3	19881118
WO 1988-US4125	A	19881118
YU 1988-2138	A6	19881118
US 1989-325338	B2	19890317
US 1989-341334	B2	19890420
US 1989-353896	B2	19890421
US 1989-355002	B2	19890518
US 1989-355961	B2	19890518
NO 1989-2931	A	19890717
US 1989-398667	B2	19890825
US 1989-456637	B2	19891221
US 1990-504352	A	19900404
US 1990-505435	B2	19900404
US 1990-566209	B1	19900808
US 1990-611965	B2	19901108
WO 1991-US2225	A	19910329
EP 1991-302910	A3	19910403
US 1992-910760	A3	19920707
US 1993-40564	A3	19930331
US 1993-103961	A1	19930809
US 1994-306472	A3	19940915
US 1994-307273	A3	19940916

AB The title kit contains a (recombinant) polypeptide contg. an HCV epitope, a pH buffer, a detection label, assay instructions, and packaging. Also provided are polynucleotide probes for detection of HCV nucleic acids, a monoclonal antibody to an HCV epitope for detection of HCV antigens by immunoassay, and vaccines comprising immunogenic peptides contg. an HCV epitope for treatment of HCV infections. The sequence of HCV cDNA suggests that HCV is or resembles a flavivirus. Thus, HCV was isolated from plasma of a chimpanzee with chronic non-A, non-B hepatitis and used to generate a λ-gt11 cDNA library which was screened for prodn. of epitopes which bound to serum from patients with non-A, non-B hepatitis. The cDNAs of several clones were sequenced and used to derive a composite sequence; the corresponding polypeptides were expressed in Escherichia coli as fusion products with superoxide dismutase.

IT 155182-84-6, DNA (hepatitis C virus clone 5-1-1 cDNA)

RL: PRP (Properties)  
(nucleotide sequence of)

RN 155182-84-6 CAPLUS

CN DNA (hepatitis C virus clone 5-1-1 polyprotein fragment-specifying) (9CI)  
(CA INDEX NAME)

SEQ 1 ggcctcctgc ttgaactgct cggcgagcat catacctgac agggaaagtcc  
51 tctaccgaga gttcgatgag atggaagagt gctctcagca cttaccgtac  
101 atcgagcaag ggatgatgct cgccgagcag ttcaaggcaga aggccctcgg  
151 cctcc

=> file registry  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
7.95	68.56

## STN Columbus

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.73	-0.73

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STRUCTURE FILE UPDATES: 13 APR 2005 HIGHEST RN 848462-79-3  
 DICTIONARY FILE UPDATES: 13 APR 2005 HIGHEST RN 848462-79-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

\*\*\*\*\*  
 \*  
 \* The CA roles and document type information have been removed from \*  
 \* the IDE default display format and the ED field has been added, \*  
 \* effective March 20, 2005. A new display format, IDERL, is now \*  
 \* available and contains the CA role and document type information. \*  
 \*  
 \*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
 information enter HELP PROP at an arrow prompt in the file or refer  
 to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> s ggcctcct/sqen
      0 GGCCTCCT/SQEN
      61977 SQL=8
L4      0 GGCCTCCT/SQEN
      (GGCCTCCT/SQEN AND SQL=8)
```

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=> s ggcctcct/sqsn
L5      833858 GGCCTCCT/SQSN
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=> SEQLINK
ENTER TYPE OF LINK (EXACT) OR ?:exact
ENTER (L5), L# OR ?:15
```

TOO MANY ANSWER NUMBERS SPECIFIED

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=> s 15 and PY<1996
'1996' NOT A VALID FIELD CODE
      0 PY<1996
L6      0 L5 AND PY<1996
```

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=> log h
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
```

STN Columbus

FULL ESTIMATED COST	ENTRY 36.50	SESSION 105.06
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.73

SESSION WILL BE HELD FOR 60 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 14:38:15 ON 14 APR 2005

08/441443

**EDITED:**

FILE 'HOME' ENTERED AT 14:31:08 ON 14 APR 2005

=> file registry

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=> d SEQ NTE LC 1-5

L1 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN

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	101	atcgagcaag	ggatgatgct	cgccgagcag	ttcaagcaga	aggccctcgg
	151	cctcc	.			

HITS AT: 1-28

\*\*RELATED SEQUENCES AVAILABLE WITH SEOLINK\*\*

LC STN Files: GENBANK

L1 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN

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          151 cctcc

```

HITS AT: 1-28

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

LC STN Files: GENBANK

L1 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2005 ACS ON STN

SEQ	1	ggcctcctgc	ttgaactgct	cgcgagcat	cataacctgac	aggaaagtcc
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	101	atcgagcaag	ggatgtatgct	cgccgagcag	ttcaagcaga	aggccctcgg
	151	cctcc				

HITS AT: 1-28

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

LC STN Files: GENBANK

L1 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2005 ACS OR STN

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	101 atcgagcaag ggatgatgct cgccgagcaag ttcaagcaga agggccctcg
	151 cctcc

HITS AT: 1-28

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

RECORDED SEQUENCES AVAILABLE

L1 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ 1 ggcctcctgc ttgaactgct cggcgagcat catacctgac aggaaagtcc  
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151 cctcc

HITS AT: 1-28

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

LC STN Files: CA, CAPLUS

=> SEQLINK

ENTER TYPE OF LINK (EXACT) OR ?:  
ENTER TYPE OF LINK (EXACT) OR ?:exact  
ENTER (L1), L# OR ?:11

L2 5 SEQLINK EXACT L1

=> file caplus  
=> s l2  
L3 1 L2

=> d bib ab hitseq

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

Full Text

AN 1994:296653 CAPLUS  
DN 120:296653  
TI A method for preparing a kit for the detection of antibodies to HCV (hepatitis C virus) in biological samples such as blood serum  
IN Houghton, Michael; Choo, Qui Lim; Kuo, George  
PA Chiron Corp., India  
SO Indian, 157 pp.  
CODEN: INXXAP  
DT Patent  
LA English  
FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	IN 171237	A	19920822	IN 1990-CA801	19900917
	AU 8927967	A1	19890614	AU 1989-27967	19881118
	AU 624105	B2	19920604		
	ZA 8808669	A	19890830	ZA 1988-8669	19881118
	BR 8807310	A	19900313	BR 1988-7310	19881118
	DD 287104	A5	19910214	DD 1988-321971	19881118
	IN 169067	A	19910831	IN 1988-CA960	19881118
	DD 298524	A5	19920227	DD 1988-344401	19881118
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IN 171239	A	19920822	IN 1990-CA805	19900917
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WO 9115771	A1	19911017	WO 1991-US2225	19910329
W: AU, BB, BG, BR, CA, FI, GB, HU, JP, KP, KR, LK, MC, MG, MW, NO, PL, RO, SD, SU				
RW: BF, BJ, CF, CG, CM, GA, ML, MR, SN, TD, TG				
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HU 217025	B	19991129		
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EP 450931	B1	19960612		
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EP 693687	B1	19990728		
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AT 182684	E	19990815	AT 1995-114016	19910403
ES 2134388	T3	19991001	ES 1995-114016	19910403
US 5683864	A	19971104	US 1992-910760	19920707
FI 106317	B1	20010115	FI 1992-4349	19920928
NO 9203839	A	19921119	NO 1992-3839	19921001
NO 310241	B1	20010611		
US 5714596	A	19980203	US 1993-40564	19930331
LV 10306	B	19950620	LV 1993-442	19930531
LV 10344	B	19960220	LV 1993-4381	19930531
US 5679342	A	19971021	US 1993-97853	19930727
US 5350671	A	19940927	US 1993-103961	19930809
LT 3808	B	19960325	LT 1993-1747	19931230
HR 940493	B1	20001031	HR 1994-940493	19940907
US 5698390	A	19971216	US 1994-306472	19940915
US 6074816	A	20000613	US 1994-307273	19940916
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US 6312889	B1	20011106	US 1995-440549	19950512
US 5712088	A	19980127	US 1995-440769	19950515
US 6096541	A	20000801	US 1995-441026	19950515
US 6171782	B1	20010109	US 1995-442647	19950515
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US 5863719	A	19990126	US 1995-472821	19950607
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NO 9505102	A	19951215	NO 1995-5102	19951215
NO 303879	B1	19980914		
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JP 3171793	B2	20010604		
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US 1987-139886	A	19871230		
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US 1988-191263	A	19880506		
US 1988-263584	A	19881026		

US	1988-271450	A	19881114
CN	1988-107988	A	19881118
JP	1992-361785	A3	19881118
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JP	1993-178446	A3	19881118
JP	1996-241451	A3	19881118
JP	1998-111631	A3	19881118
WO	1988-US4125	A	19881118
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US	1989-341334	B2	19890420
US	1989-353896	B2	19890421
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US	1989-355961	B2	19890518
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US	1990-505435	B2	19900404
US	1990-566209	B1	19900808
US	1990-611965	B2	19901108
WO	1991-US2225	A	19910329
EP	1991-302910	A3	19910403
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US	1993-40564	A3	19930331
US	1993-103961	A1	19930809
US	1994-306472	A3	19940915
US	1994-307273	A3	19940916

AB The title kit contains a (recombinant) polypeptide contg. an HCV epitope, a pH buffer, a detection label, assay instructions, and packaging. Also provided are polynucleotide probes for detection of HCV nucleic acids, a monoclonal antibody to an HCV epitope for detection of HCV antigens by immunoassay, and vaccines comprising immunogenic peptides contg. an HCV epitope for treatment of HCV infections. The sequence of HCV cDNA suggests that HCV is or resembles a flavivirus. Thus, HCV was isolated from plasma of a chimpanzee with chronic non-A, non-B hepatitis and used to generate a  $\lambda$ -gt11 cDNA library which was screened for prodn. of epitopes which bound to serum from patients with non-A, non-B hepatitis. The cDNAs of several clones were sequenced and used to derive a composite sequence; the corresponding polypeptides were expressed in Escherichia coli as fusion products with superoxide dismutase.

IT 155182-84-6, DNA (hepatitis C virus clone 5-1-1 cDNA)

RL: PRP (Properties)  
(nucleotide sequence of)

RN 155182-84-6 CAPLUS

CN DNA (hepatitis C virus clone 5-1-1 polyprotein fragment-specifying) (9CI)  
(CA INDEX NAME)

SEQ 1 ggcctcctgc ttgaactgct cggcgagcat catacctgac aggaaagtcc  
51 tctaccgaga gttcgatgag atgaaagagt gctctcagca cttaccgtac  
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151 cctcc

=> file registry

=> s ggcctcct/sqen  
0 GGCCTCCT/SQEN  
61977 SQL=8  
L4 0 GGCCTCCT/SQEN  
(GGCCTCCT/SQEN AND SQL=8)

=> s ggcctcct/sqsn  
L5 833858 GGCCTCCT/SQSN

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ENTER (L5), L# OR ?:15
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TOO MANY ANSWER NUMBERS SPECIFIED
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'1996' NOT A VALID FIELD CODE
      0 PY<1996
L6      0 L5 AND PY<1996
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=> log h
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=> s ctggctgcgtggcatagtgccgg/sqen
      0 CTGGCTGCCTGGTCATAGTGGCAGGG/SQEN
      79439 SQL=27
L7      0 CTGGCTGCCTGGTCATAGTGGCAGGG/SQEN
      (CTGGCTGCCTGGTCATAGTGGCAGGG/SQEN AND SQL=27)
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L8      5 CTGGCTGCCTGGTCATAGTGGCAGGG/SQSN
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ENTER TYPE OF LINK (EXACT) OR ?:exact
ENTER (L8), L# OR ?:18
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L9      5 SEQLINK EXACT L8
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      201 gaggttacatcg cccctgctgt ccagaccaac tggcaaaaac tcgagacctt
      251 ctgggcgaag catatgtgga acttcatcg tgggatacaa tacttggcgg
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HITS AT: 1-27
```

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**RELATED SEQUENCES AVAILABLE WITH SEQLINK**
```

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LC  STN Files: GENBANK
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L9  ANSWER 2 OF 5  REGISTRY  COPYRIGHT 2005 ACS on STN
```

```
SEQ      1 ctggctgcgt ggtcatagtg ggcagggtcg tcttgcgg gaagccggca
      ===== ===== =====
      51 atcatacctg acagggaagt ccttaccga gagttcgatg agatggaaga
      101 gtgctctcg cacttaccgt acatcgagca agggatgatg ctcggcggc
      151 agttcaagca gaaggccctc ggcctcctgc agaccgcgtc ccgtcaggca
      201 gaggttacatcg cccctgctgt ccagaccaac tggcaaaaac tcgagacctt
      251 ctgggcgaag catatgtgga acttcatcg tgggatacaa tacttggcgg
      301 gcttgcac gctgcctgg aaccccgcca ttgcttcatt gatggctttt
      351 acagctgctg tcaccagccc actaaccact agccaaa
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```
HITS AT: 1-27
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**RELATED SEQUENCES AVAILABLE WITH SEQLINK**
```

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LC  STN Files: GENBANK
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L9  ANSWER 3 OF 5  REGISTRY  COPYRIGHT 2005 ACS on STN
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SEQ 1 ctggctgcgt ggtcatagtg ggcagggtcg tcttgcgg gaagccggca  
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151 agttcaagca gaaggccctc ggcctcctgc agaccgcgtc ccgtcaggca  
201 gaggttatacg cccctgctgt ccagaccaac tggcaaaaac tcgagacctt  
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301 gcttgtcaac gctgccttgtt aaccccgcca ttgcttcatt gatggctttt  
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HITS AT: 1-27

LC STN Files: GENBANK

L9 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ 1 ctggctgcgt ggtcatagtg ggcagggtcg tcttgcgg gaagccggca  
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HITS AT: 1-27

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L9 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN

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251 ctggcgaag catatgtgga acttcatcg tggatacaa tacttggcgg  
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\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

LC STN Files: CA, CAPLUS

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=> s 19

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=> d bib ab hitseq

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

Full Text

AN 1994:296653 CAPLUS

DN 120:296653

TI A method for preparing a kit for the detection of antibodies to HCV (hepatitis C virus) in biological samples such as blood serum

IN Houghton, Michael; Choo, Qui Lim; Kuo, George

PA Chiron Corp., India

SO Indian, 157 pp.

CODEN: INXXAP

DT Patent

LA English

FAN.CNT 8

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI IN 171237	A	19920822	IN 1990-CA801	19900917

AU 8927967	A1	19890614	AU 1989-27967	19881118
AU 624105	B2	19920604		
ZA 8808669	A	19890830	ZA 1988-8669	19881118
BR 8807310	A	19900313	BR 1988-7310	19881118
DD 287104	A5	19910214	DD 1988-321971	19881118
IN 169067	A	19910831	IN 1988-CA960	19881118
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JP 09184844	A2	19970715	JP 1996-239921	19881118
JP 10108674	A2	19980428	JP 1997-99651	19881118
JP 10290696	A2	19981104	JP 1998-111631	19881118
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JP 2000023683	A2	20000125	JP 1999-157193	19881118
RU 2162894	C2	20010210	RU 1988-4742221	19881118
FI 8903447	A	19890717	FI 1989-3447	19890717
FI 105652	B1	20000929		
NO 8902931	A	19890913	NO 1989-2931	19890717
NO 304990	B1	19990315		
DK 8903537	A	19890718	DK 1989-3537	19890718
KR 138776	B1	19980515	KR 1989-701343	19890718
IN 171238	A	19920822	IN 1990-CA802	19900917
IN 171239	A	19920822	IN 1990-CA805	19900917
IN 171240	A	19920822	IN 1990-CA808	19900917
WO 9115771	A1	19911017	WO 1991-US2225	19910329
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AU 9176510	A1	19911030	AU 1991-76510	19910329
AU 639560	B2	19930729		
GB 2257784	A1	19930120	GB 1992-20480	19910329
BR 9106309	A	19930420	BR 1991-6309	19910329
HU 62706	A2	19930528	HU 1992-3146	19910329
HU 217025	B	19991129		
JP 05508219	T2	19931118	JP 1991-507636	19910329
JP 2733138	B2	19980330		
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PL 172133	B1	19970829	PL 1991-296329	19910329
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EP 693687	A1	19960124	EP 1995-114016	19910403
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AT 139343	E	19960615	AT 1991-302910	19910403
ES 2088465	T3	19960816	ES 1991-302910	19910403
AT 182684	E	19990815	AT 1995-114016	19910403
ES 2134388	T3	19991001	ES 1995-114016	19910403
US 5683864	A	19971104	US 1992-910760	19920707
FI 106317	B1	20010115	FI 1992-4349	19920928
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US 5714596	A	19980203	US 1993-40564	19930331
LV 10306	B	19950620	LV 1993-442	19930531
LV 10344	B	19960220	LV 1993-4381	19930531
US 5679342	A	19971021	US 1993-97853	19930727
US 5350671	A	19940927	US 1993-103961	19930809
LT 3808	B	19960325	LT 1993-1747	19931230
HR 940493	B1	20001031	HR 1994-940493	19940907
US 5698390	A	19971216	US 1994-306472	19940915
US 6074816	A	20000613	US 1994-307273	19940916

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US 6312889	B1	20011106	US 1995-440549	19950512
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NO 9505102	A	19951215	NO 1995-5102	19951215
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US 2003162167	A1	20030828	US 1996-686983	19960725
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FI 9801380	A	19980615	FI 1998-1380	19980615
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	JP 1993-178446	A3	19881118	
	JP 1996-241451	A3	19881118	
	JP 1998-111631	A3	19881118	
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	US 1989-325338	B2	19890317	
	US 1989-341334	B2	19890420	
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	US 1989-355961	B2	19890518	
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	US 1992-910760	A3	19920707	
	US 1993-40564	A3	19930331	
	US 1993-103961	A1	19930809	
	US 1994-306472	A3	19940915	
	US 1994-307273	A3	19940916	

AB The title kit contains a (recombinant) polypeptide contg. an HCV epitope, a pH buffer, a detection label, assay instructions, and packaging. Also provided are polynucleotide probes for detection of HCV nucleic acids, a monoclonal antibody to an HCV epitope for detection of HCV antigens by immunoassay, and vaccines comprising immunogenic peptides contg. an HCV epitope for treatment of HCV infections. The sequence of HCV cDNA suggests that HCV is or resembles a flavivirus. Thus, HCV was isolated from plasma of a chimpanzee with chronic non-A, non-B hepatitis and used to generate a  $\lambda$ -gt11 cDNA library which was screened for prodn. of epitopes which bound to serum from patients with non-A, non-B hepatitis. The cDNAs of several clones were sequenced and used to derive a composite sequence; the corresponding polypeptides were expressed in Escherichia coli as fusion products with superoxide dismutase.

IT 155182-86-8

RL: PRP (Properties)

(nucleotide sequence of)  
RN 155182-86-8 CAPLUS  
CN DNA (hepatitis C virus polyprotein 128-amino acid fragment-specifying)  
(9CI) (CA INDEX NAME)

SEQ 1 ctggctgcgt ggtcatagtg ggcagggtcg tcttgcgg gaagccggca  
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101 gtgtctcgacttaccgt acatcgagca agggatgtg ctgcggcagc  
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201 gaggttacgtt cccctgtgtt ccagaccaac tggcaaaaac tcgagacctt  
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351 acagctgctgtcaccagcccc actaaccact agccaaa

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=> s gtccggaaaggccggcaatcatacctgacaggga/sqsn  
L11 125 GTCCGGAAAGCCGGCAATCATACCTGACAGGGGA/SQSN

=> d SEQ NTE LC 1-10

=> d SEQ NTE LC 100-125

L11 ANSWER 100 OF 125 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ 1 gtccggaaag ccggcaatca tacctgacag ggaagtcctc taccgagagt  
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51 tcgatgagat ggaagagtgc tctcagcact taccgtacat cgagcaagg  
101 atgatgctcg ccgagcagtt caagcagaag gccctcgcc tcctgcagac  
151 cgcgtcccggtt cagggcaggagg ttatcgcccc tgctgtccag accaactggc  
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251 atacaataact tggcgggctt gtcaacgctg cctggtaacc ccgcattgc  
301 ttcattgatg gctttacag ctgctgtcac cagccacta accactagcc  
351 aaa

HITS AT: 1-33

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L11 ANSWER 100 OF 125 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 337420-41-4 REGISTRY  
CN GenBank AR118660 (9CI) (CA INDEX NAME)  
FS NUCLEIC ACID SEQUENCE  
SQL 353  
NA 85 a 104 c 92 g 72 t

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301 ttcattgatg gctttacag ctgctgtcac cagccacta accactagcc  
351 aaa

HITS AT: 1-33

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: GENBANK

=> log h

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

259.78

440.04

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

ENTRY

TOTAL

SESSION

CA SUBSCRIBER PRICE

0.00

-1.46

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 15:32:54 ON 14 APR 2005

From: Zeman, Mary  
 Sent: Thursday, April 14, 2005 3:44 PM  
 To: STIC-Biotech/ChemLib  
 Subject: Sequence Oligomer search #1

I consulted David Schreiber, and this is the way he suggested I submit this search.  
 (there are two more related searches being submitted at the same time.)

I need an oligomer search of the following public domain sequence.  
 This sequence is a publicly available form of a sequence from a case so old as not to be required to be in sequence compliance. (08/441443)

I am looking for oligomers comprising at least 8 nt of the sequence. (not exact length of 8, but 8 or more)

Please print out 100 hits  
 Thank you.

RN 155182-84-6 CAPLUS

ggcctcctgc ttgaactgct cggcgagcat catacctgac aggaaagtcc tctaccgaga gttcgatgag atgaaagagt  
 gctctcagca cttaccgtac atcgagcaag ggatgtatgct cgccgagcag ttcaaggcaga aggccctcg cctcc

Mary K. Zeman  
 Primary Examiner, 1631  
 571-272-0723  
 Remsen 2D61  
 MAILBOX: REM 2C70  
 mary.zeman@uspto.gov

SEARCHED  
 SERIALIZED  
 INDEXED  
 FILED  
 (SIC)

\*\*\*\*\*

STAFF USE ONLY

Searcher: D. Schreiber  
 Searcher Phone: 2-2521  
 Date Searcher Picked up:  
 Date Completed: 4/12/05  
 Searcher Prep/Rev. Time: 2:55  
 Online Time: 47

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Type of Search

NA#: 3 AA#: \_\_\_\_\_  
 Interference: \_\_\_\_\_ SPDI: \_\_\_\_\_  
 S/L: \_\_\_\_\_ Oligomer:  \_\_\_\_\_  
 Encode/Transl: \_\_\_\_\_  
 Structure#: \_\_\_\_\_ Text: \_\_\_\_\_  
 Inventor: \_\_\_\_\_ Litigation: \_\_\_\_\_

\*\*\*\*\*

Vendors and cost where applicable

STN: \_\_\_\_\_  
 DIALOG: \_\_\_\_\_  
 QUESTEL/ORBIT: \_\_\_\_\_  
 LEXIS/NEXIS: \_\_\_\_\_  
 SEQUENCE SYSTEM: ISI Company  
 WWW/Internet: \_\_\_\_\_  
 Other(Specify): \_\_\_\_\_

## STIC-Biotech/ChemLib

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From: Zeman, Mary  
Sent: Thursday, April 14, 2005 3:44 PM  
To: STIC-Biotech/ChemLib  
Subject: Sequence Oligomer Search #2

I consulted David Schreiber, and this is the way he suggested I submit this search.  
(there are two more related searches being submitted at the same time.)

I need an oligomer search of the following public domain sequence.  
This sequence is a publicly available form of a sequence from a case so old as not to  
be required to be in sequence compliance. (08/441443)

I am looking for oligomers comprising at least 8 nt of the sequence. (not exact length of  
8, but 8 or more)

Please print out 100 hits

Thank you.

RN 155182-86-8 CAPLUS

```
ctggctgcgt ggtcatagtg ggcagggtcg tcttgcgg gaagccggca atcatacctg acaggaaat cctctaccga
gagttcgatg agatgaaaga gtgctctcg cacttaccgt acatcgagca agggatgtat ctcgcgcgac agttcaagca
gaaggccctc ggcctcctgc agaccgcgtc ccgtcaggca gaggttatcg cccctgctgt ccagaccaac tggcaaaaac
tcgagacattt ctggcgaaat catatgttgcgacttcatcg tggatataaa tacttggcg gcttgtcaac gctgcctgg
aaccggcca ttgcttcatt gatggctttt acagctgctg tcaccagccc actaaccact agccaaa
```

Mary K. Zeman  
Primary Examiner, 1631  
571-272-0723  
Remsen 2D61  
MAILBOX: REM 2C70  
mary.zeman@uspto.gov

\*\*\*\*\*  
STAFF USE ONLY

Searcher: \_\_\_\_\_  
Searcher Phone: 2-  
Date Searcher Picked up: \_\_\_\_\_  
Date Completed: \_\_\_\_\_  
Searcher Prep/Rev. Time: \_\_\_\_\_  
Online Time: \_\_\_\_\_

\*\*\*\*\*

Type of Search

NA#: \_\_\_\_\_ AA#: \_\_\_\_\_  
Interference: \_\_\_\_\_ SPDI: \_\_\_\_\_  
S/L: \_\_\_\_\_ Oligomer: \_\_\_\_\_  
Encode/Transl: \_\_\_\_\_  
Structure#: \_\_\_\_\_ Text: \_\_\_\_\_  
Inventor: \_\_\_\_\_ Litigation: \_\_\_\_\_

\*\*\*\*\*  
Vendors and cost where applicable

STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
QUESTEL/ORBIT: \_\_\_\_\_  
LEXIS/NEXIS: \_\_\_\_\_  
SEQUENCE SYSTEM: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other(Specify): \_\_\_\_\_

## STIC-Biotech/ChemLib

From: Zeman, Mary  
Sent: Thursday, April 14, 2005 3:44 PM  
To: STIC-Biotech/ChemLib  
Subject: Sequence oligomer search #3

I consulted David Schreiber, and this is the way he suggested I submit this search.  
(there are two more related searches being submitted at the same time.)

I need an oligomer search of the following public domain sequence.  
This sequence is a publicly available form of a sequence from a case so old as not to  
be required to be in sequence compliance. (08/441443)

I am looking for oligomers comprising at least 8 nt of the sequence. (not exact length of  
8, but 8 or more)

Please print out 100 hits

Thank you.

RN 337420-41-4 REGISTRY

```
gtccgggaag ccggcaatca tacctgacag ggaagtcctc taccgagagt tcgatgagat ggaagagtgc tctcagcact
taccgtacat cgagcaaggg atgatgctcg ccgagcaggta caagcagaag gccctcgcc tcctgcagac cgcgtcccg
caggcagagg ttatcgcccc tgctgtccag accaactggc aaaaactcga gaccttctgg gcgaagcata tgtggaaactt
catcagtggg atacaatact tggcgggctt gtcaacgctg cctggtaacc ccgcattgc ttcattgatg gctttacag
ctgctgtcac cagccccacta accactagcc aaa
```

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Remsen 2D61  
MAILBOX: REM 2C70  
mary.zeman@uspto.gov

\*\*\*\*\*

STAFF USE ONLY

Searcher: \_\_\_\_\_  
Searcher Phone: 2-  
Date Searcher Picked up: \_\_\_\_\_  
Date Completed: \_\_\_\_\_  
Searcher Prep/Rev. Time: \_\_\_\_\_  
Online Time: \_\_\_\_\_

\*\*\*\*\*

Type of Search

NA#: \_\_\_\_\_ AA#: \_\_\_\_\_  
Interference: \_\_\_\_\_ SPDI: \_\_\_\_\_  
S/L: \_\_\_\_\_ Oligomer: \_\_\_\_\_  
Encode/Transl: \_\_\_\_\_  
Structure#: \_\_\_\_\_ Text: \_\_\_\_\_  
Inventor: \_\_\_\_\_ Litigation: \_\_\_\_\_

\*\*\*\*\*

Vendors and cost where applicable

STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
QUESTEL/ORBIT: \_\_\_\_\_  
LEXIS/NEXIS: \_\_\_\_\_  
SEQUENCE SYSTEM: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other(Specify): \_\_\_\_\_